GOVERNMENT OF INDIA
ENVIRONMENT AND FORESTS
LOK SABHA

UNSTARRED QUESTION NO:3165
ANSWERED ON:19.03.2001
AFFORESTATION IN THE COUNTRY
BHAL CHANDRA YADAV;DALPAT SINGH PARASTE;DILIP KUMAR MANSUKHLAL GANDHI;P.D. ELANGOVAN;RAM TAHAL CHOUDHARY;RAMKRISHNA KUSMARIA;RAVINDRA KUMAR PANDEY;UMMAREDDY VENKATESWARLU

Will the Minister of ENVIRONMENT AND FORESTS be pleased to state:

(a) whether the Government have any comprehensive programmes to check the fast vanishing and to increase the total forest cover in each State of the country;

(b) if so, the details thereof;

(c) the extent of forest cover in each State with respect to their total area at present;

(d) whether the forest cover has been receding since last five years;

(e) if so, the details thereof, State-wise;

(f) the number of trees planted in each State alongwith the expenditure incurred thereon during the said period;
(g) the details of the afforestation programmes including aerial seeding implemented both by the Centre and States with/without foreign assistance and the total expenditure incurred thereon alongwith achievements made in this regard during the said period, State-wise?

Answer

MINISTER OF ENVIRONMENT & FORESTS (SHRI T.R. BAALU)

(a) Yes, Sir. The Ministry of Environment & Forestshave formulated National Forestry Action Programme (NFAP), acomprehensive strategic long term plan for the next twenty years to address the issues underlying the major problems of the forestry sector in line with the National Forest Policy, 1988. The objective of the NFAP is to bring 33 % of thegeographical area of the country under forest/tree cover and to arrest de-forestation for achieving sustainable development of forests. The NFAP is a compilation of the State Forestry Action Programmes formulated by the State/Union Territory Governments.

(b) The National Forestry Action Programme has five main components. They are: Protect Existing Forest Resources,Improve Forest Productivity, Reduce Total Demand, Strengthen Policy and Institutional Framework and Expand Forest Area.

The implementation of National Forest Action Programmerequires huge financial resources and it is estimated that Rs.133903 crores would be required in the next twenty years to bring one third of the area of the country under forest/tree cover.

(c) The details regarding the extent of forest cover in each State with respect to their total area at present are given in Annexure I.

(d) No Sir. Though the forest cover hasreceded from 638,879 sq.kms in 1995 to 633,397 sq.kms in 1997, it has increased to 637,293 sq.kms in 1999 as per the assessment report of Forest Survey of India.

(e) The details regarding forest cover in each State since 1995 are given in Annexure II.

(f) & (g) The tree planting/afforestation activities are monitored under Point No.16 of 20 PointProgramme. The Statewise/ Yearwise targets and achievements for afforestation/tree planting activities for the years 1995-96 and 1996-97 are given in Annexure -III. The Statewise/ Yearwise targets and achievements for afforestation/tree planting activities for the years 1997-98 to 2000-01 are given in Annexure -IV. The details of funds earmarked and actual amount spent for afforestation during 8th Plan period are given in Annexure - V. The figures for 9th Plan period have not yet been compiled. No aerial seeding programme has been taken up during the last five years.

Annexure - I in respect of Lok Sabha Unstarred Question No.3165 due for reply on 19-3-2001regarding the extent of forest cover in each State with respect to their total area.

(in sq. kms.)

State/UT Area	Geographic	Forest Cover
Andhra Pradesh	275068	44229
Aarunachal Pradesh	83743	68847
Assam	78438	23688
Bihar	173877	26474
Goa	3702	1251
Gujarat	196024	12965
Haryana	44212	964
Himachal Pradesh	55673	13082
Jammu & Kashmir	222235	20441
Karnataka	191791	32467
Kerala	38863	10323
Madhya Pradesh	443446	131830
Maharashtra	307690	46672
Manipur	22327	17384
Meghalaya	22429	15633
Mizoram	21081	18338
Nagaland	16579	14164
Orissa	155707	47033
Punjab	50362	1412
Rajasthan	342239	13871
Sikkim	7096	3118
Tamil Nadu	130058	17078
Tripura	10486	5745
Uttar Pradesh	294411	34016
West Bengal	88752	8362

A & N Islands	8249	7606
Chandigarh	114	7
Dadra & N. Heveli	491	202
Daman & Diu	112	3
Delhi	1483	88
Lakshdweep	32	0
Pondicherry	493	0
Total	3,287,263	637,293

Annexure - II in respect of Lok Sabha Unstarred Question No.3165 due for reply on 19-3-2001 regarding the details of forest cover during the last five years.

(in sq. kms.)

State/UT	1995	1997	1999
Andhra Pradesh	47,112	43,290	44,229
Aarunachal Pradesh	68,621	68,602	68,847
Assam	24,061	23,824	23,688
Bihar	26,561	26,524	26,474
Delhi	26	26	88
Goa	1,250	1,252	1,251
Gujarat	12,320	12,578	12,965
Haryana	603	604	964
Himachal Pradesh	12,501	12,521	13,082
Jammu & Kashmir	20,433	20,440	20,441
Karnataka	32,382	32,403	32,467
Kerala	10,336	10,334	10,323
Madhya Pradesh	135,164	131,195	131,830
Maharashtra	43,843	46,143	46,672
Manipur	17,558	17,418	17,384
Meghalaya	15,714	15,657	15,633
Mizoram	18,576	18,775	18,338
Nagaland	14,291	14,221	14,164
Orissa	47,107	46,941	47,033
Punjab	1,342	1,387	1,412
Rajasthan	13,280	13,353	13,871
Sikkim	3,127	3,129	3,118
Tamil Nadu	17,045	17,064	17,078
Tripura	5,538	5,546	5,745
Uttar Pradesh	33,986	33,994	34,016
West Bengal	8,276	8,349	8,362
A&N Islands	7,615	7,613	7,606
Chandigarh	7	7	7
Dadra & N.Heveli	204	204	202
Daman & Diu	-	3	3
Lakshdweep	-	-	0
Pondicherry	-	-	0
Grand Total	638,879	633,397	637,293

Annexure - III in respect of Lok Sabha Unstarred Question No.3165 due for reply on 19-3-2001 regarding the Statewise/Year-wise targets and achievements for afforestation/tree planting activities for the years 1995-96 and 1996-97.

		1995-96		1996-97	
S.No.	State	Targets	Achievements	Targets	Achievements
		SEEDLINGS DISTRIBUTION (For planting on pvt. lands)	AREA (Public lands including forest lands)	SEEDLINGS DISTRIBUTION (For planting on pvt. lands)	AREA (Public lands including forest lands)
1	Andhra Pradesh	1100.00	45000.00	1436.40	75782.00
2	Arunachal Pra	7.00	9078.00	7.00	9078.00
3	Assam	27.50	27500.00	27.09	16497.00
4	Bihar	825.00	55000.00	161.20	5423.00
5	Goa	38.50	2090.00	25.72	1327.00
6	Gujarat	1650.00	59400.00	1707.65	67101.73
7	Haryana	250.00	29700.00	51.94	33438.00
8	Himachal Prad	22.00	26200.00	35.74	29976.00
9	Jammu & Kashmir	60.00	22000.00	60.51	23000.00
10	Karnataka	495.00	52800.00	310.88	65712.00
11	Kerala	330.00	17600.00	45.40	15302.49
12	Madhya Pradesh	495.00	148500.00	599.22	156553.45
13	Maharashtra	1100.00	133100.00	1017.96	120139.00
		1997-98		1998-99	
		SEEDLINGS DISTRIBUTION (For planting on pvt. lands)	AREA (Public lands including forest lands)	SEEDLINGS DISTRIBUTION (For planting on pvt. lands)	AREA (Public lands including forest lands)
1	Andhra Pradesh	1100.00	50000.00	1425.30	114667.00
2	Arunachal Pra	6.00	9500.00	6.00	6613.00
3	Assam	25.00	27500.00	48.68	18517.70
4	Bihar	500.00	40000.00	78.50	9296.00
5	Goa	30.00	1800.00	23.00	1351.00
6	Gujarat	1908.00	65597.00	2110.20	89393.00
7	Haryana	200.00	32000.00	73.73	23235.00
8	Himachal Prad	20.00	28000.00	26.98	27503.00
9	Jammu & Kashmir	60.00	24000.00	59.85	24927.00
10	Karnataka	400.00	65000.00	235.75	60637.00
11	Kerala	180.00	19000.00	45.46	15168.00
12	Madhya Pradesh	450.00	150000.00	169.88	117623.00
13	Maharashtra	1150.00	126000.00	943.83	100327.91

14 Manipur 33.00 11000.00 11.85 9105.00 25.00 12000.00 15.50 12230.00
15 Meghalaya 82.50 22000.00 87.98 3274.00 40.00 18000.00 47.80 1622.00
16 Mizoram 22.00 19800.00 22.49 12205.00 22.00 19800.00 67.59 9327.00
17 Nagaland 82.50 8250.00 74.70 44.00 60.00 8000.00 0.00 0.00
18 Orissa 330.00 79200.00 576.02 112110.00 300.00 79000.00 811.88 93371.00
19 Punjab 49.50 18700.00 80.16 10526.00 52.00 20000.00 88.56 8825.00
20 Rajasthan 330.00 86900.00 388.32 95280.00 380.00 76550.00 399.41 83440.00
21 Sikkim 22.00 10120.00 25.00 10120.00 22.00 11000.00 22.00 9586.00
22 Tamil Nadu 1100.00 82500.00 1112.10 92208.00 1100.00 85000.00 1104.64 73501.00
23 Tripura 23.65 8500.00 21.72 12078.59 23.00 10000.00 41.19 9034.00
24 Uttar Pradesh 2000.00 101200.00 2285.43 84326.97 2200.00 110000.00 2121.24 92790.00
25 West Bengal 833.80 41800.00 681.19 38509.00 825.00 44000.00 556.00 21500.00
26 A & N Islands 5.00 3300.00 5.40 3831.00 5.00 3300.00 5.05 4019.86
27 Chandigarh 0.00 495.00 0.00 140.00 0.10 500.00 0.19 666.00
28 D & N Haveli 15.95 1100.00 13.85 980.00 16.00 1000.00 10.00 300.00
29 Daman & Diu 1.10 165.00 1.93 41.00 2.00 100.00 3.18 3.00
30 Delhi 15.00 500.00 26.81 1072.00 25.00 1000.00 23.42 936.00
31 Lakshadweep 4.51 66.00 4.62 69.00 5.00 72.00 4.22 62.00
32 Pondicherry 4.40 220.00 5.71 182.00 5.00 78.00 5.15 78.33

11354.91 1123784.00 10911.99 1105431.23 11136.10 1137797.00 10574.18 1030549.80

Annexure - IV in respect of Lok Sabha Unstarred Question No.3165 due for reply on 19-3-2001 regarding the Statewise/ Yearwise targets and achievements for afforestation/ tree planting activities for the years 1997-98 to 2000-01.

(AREA IN HECTARES)
(SEEDLINGS IN LAKHS)

1997-98 1998-99 1999-2000 2000-01 Total

Sl.No. Name of States/ Union Territories Target Achie Target Achie Target Achie+ Target Achie+ Target Achie+

SEEDLINGS AREA SEEDLINGS AREA SEEDLINGS AREA SEEDLINGS AREA SEEDLINGS AREA SEEDLINGS AREA SEEDLINGS AREA SEEDLINGS AREA

Distrib (Public Distrib (Public Distrib (Public Distrib (Public Distrib (Public Distrib (Public Distrib (Public Distrib (Public
(For lands (For lands (For lands (For lands (For lands (For lands (For lands (For lands
plantng incldng plantng incldng plantng incldng plantng incldng plantng incldng plantng incldng plantng incldng plantng incldng
on pvt. forest on pvt. forest on pvt. forest on pvt. forest on pvt. forest on pvt. forest on pvt. forest on pvt. forest
lands) lands lands) lands lands) lands lands) lands lands) lands lands) lands lands) lands

1 Andhra Pra 1100 50000 2027.29 135185 1100 55000 2040.64 160881 2000 150000 2962.15 226165 2200 170000 3199.62 178825
2 Arunachal Pra 7 10000 16 6317 7 10000 3.85 729 7 10000 6 1542 7 10000 0.44 0
3 Assam 25 27000 25 3642 25 27000 25 5963 25 27000 24.46 8483 35 27000 8.24 3801
4 Bihar 500 40000 110.33 14222 500 40000 148.3 10177 500 40000 160.65 16258 500 40000 28.37 796
5 Goa 30 1800 13.74 1123.3 30 1800 11.13 777 10 600 8.32 710 10 600 6.75 304.5
6 Gujarat 1900 65000 1919.04 62866 1900 70000 1920 70414 1900 70000 1922.88 68152 1900 75000 1078.98 57750
7 Haryana 200 32000 33.57 17931 200 32000 35.82 17905 200 32000 36.74 12236 100 20000 2392 8550
8 Himachal Pra 20 30000 30.38 28000 20 30000 39.05 31300 20 30000 20.66 30510 10 25000 6.33 14484
9 Jammu & K 60 24000 60 22125 60 24000 91.16 16323 60 24000 26.5 14310 80 24000
10 Karnataka 400 65000 256.35 52423.05 400 68000 613.93 93028 500 90000 757.6 94512.25 700 100000 658.11 55949.79
11 Kerala 180 19000 10.98 3350 180 19000 1.22 21187 180 19000 2.87 10214 180 20000 3223
12 Madhya Prad 450 150000 457.73 139211 450 150000 475.62 188216 450 150000 853.06 316108 450 165000
13 Maharashtra 1150 126000 938.02 91910.23 1150 126000 837.99 92288.46 1150 126000 850.82 99068.25 900 126000 636.15 69125.94
14 Manipur 25 12000 7.06 4403 25 12000 16.45 6197 25 12000 12.06 6425 25 12000
15 Meghalaya 40 18000 71.33 3978 40 18000 39 2324 40 18000 28.85 244 60 12000 6.19 200
16 Mizoram 22 19800 10.97 8589 22 19800 7.41 6450 22 19800 47.08 4270 22 12000 8.94 5940
17 Nagaland 60 8000 60 8000 0 0 60 8000 0 0 60 1000
18 Orissa 300 79000 436.7 83825 300 87000 234.12 62243 300 87000 66.36 71428 300 100000 314.84 38472
19 Punjab 52 20000 65.86 5046 52 20000 49.92 10439 52 20000 41.09 15796 65 20000 30.4 18620
20 Rajasthan 400 83000 370.64 58166 400 85000 385.17 65651 400 85000 310.72 36298 400 60000 236.31 25011
21 Sikkim 22 11000 22.58 9966.86 22 11000 15.2 6254 22 11000 22.11 11106 25 11000
22 Tamil Nadu 1100 85000 1146.1 94325 1100 90000 498.51 122650 1100 120000 1461.45 267074 1100 120000 25.91 22822
23 Tripura 40 10000 78.58 8650 40 10000 28.5 8903 40 10000 22.48 7241.58 40 10000 15.35 3354.65
24 Uttar Pradesh 2200 110000 1977.7 88052 2200 110000 1620.73 93167.91 2200 110000 2017.03 93967 2200 110000 436 60491
25 West Bengal 825 44000 228 18285 825 44000 203 7901 825 44000 110 8000 825 44000
26 A & N Islands 5 4500 1.38 3462 5 4700 1.7 3304.18 2 3500 0.73 3374.95 2 3500 0.93 3094
27 Chandigarh 0.1 500 0.56 66 0.1 500 0.47 103 0.1 100 0.5 100 0.1 100 0.04 130.4
28 D & N Haveli 16 1000 7 300 16 1000 3.2 310 5 300 5 370 5 300 5 466
29 Daman & Diu 2 50 0.4 138 2 50 0.03 4 0.25 30 0.4 17 0.25 30 0.01 0
30 Delhi 25 1000 3.64 25 1000 20.92 0 25 1000 25.57 80 25 1000 13
31 Lakshadweep 5 75 1.97 22 5 75 5 90 5 75 5.03 85 5 75
32 Pondicherry 5 75 6.73 58.71 5 75 4.82 96.12 5 75 4.96 69.26 5 75 1.53 40.13

Total 11166.1 1146800 10335.63 965638.1 11166.1 1175000 9377.86 1105275.6 12130.35 1318480 11814.13 1424214.2 12236.35 1319680 9109.44 571450.4

Notional Area in M.ha. 1.70 1.48 1.73 1.57 1.924997 2.01 1.93 1.02

(2000 Seedlings=1 ha.) + Tentative

Annexure - V in respect of Lok Sabha Unstarred Question No.3165 due for reply on 19-3-2001 regarding the Statewise details of funds earmarked and actual amount spent for afforestation during 8th Plan period.

(Rs. In lakhs)

States	1992-93		1993-94		1994-95		1995-96		1996-97		Total 8th Plan	
	Alloc	Expen	Alloc	Expen	Alloc	Expen	Alloc	Expen	Alloc	Expen	Alloc	Expen
Andhra Pradesh	2510.5	3671.2	1051.5	913.7	579.6	468.6	810.8	735.2	1093.9	986.3	6046.2	6774.9
Arunachal Prad	434.6	429.2	506.0	489.1	620.1	583.6	699.0	664.8	672.0	672.0	2931.7	2838.7
Assam	1520.0	703.1	1890.2	1591.3	1861.6	1632.8	1832.0	1587.6	1671.7	1541.8	8775.5	7056.6
Bihar	2112.5	1864.7	1480.3	1310.1	1157.7	842.9	1286.8	881.7	1603.3	1142.3	7640.5	6041.6
Goa	157.0	128.2	217.0	208.0	254.0	251.0	259.0	256.6	325.3	325.9	1212.2	1169.8
Gujarat	6713.9	6663.9	4865.4	4359.0	4976.5	4941.1	6888.5	6741.3	11390.1	10240.1	34834.4	32945.6
Haryana	4576.6	3940.4	3717.0	3691.3	3650.3	3587.7	4229.6	4011.5	3885.0	3734.0	20058.4	18964.9
Himachal Pr	4746.0	4536.7	2735.4	2735.4	3055.0	3035.0	3401.4	3401.4	2429.0	2436.9	16366.8	16145.4
J & K	1796.0	931.6	1734.0	1598.2	1647.6	1618.5	2056.4	2072.7	1576.1	1506.6	8810.0	7727.6
Karnataka	6157.9	5844.5	1734.7	1598.2	1647.6	1618.5	2056.4	2072.7	1576.1	1506.6	13172.7	12640.6
Kerala	1215.0	1261.2	170.0	168.2	297.0	316.3	360.0	480.5	673.0	688.7	2715.0	2914.9
Madhya Pradesh	5513.0	5884.0	5177.2	4529.0	5031.9	4474.3	4302.1	4012.3	4400.2	4304.0	24424.4	23203.6
Maharashtra	7624.1	6321.1	10660.6	10348.4	11482.8	10971.4	9647.5	9390.2	12393.1	12077.6	51808.2	49108.7
Manipur	573.7	308.6	232.2	231.6	315.7	331.4	391.0	318.3	359.3	321.0	1871.8	1510.8
Meghalaya	1164.1	1196.9	1136.0	801.3	1062.0	574.7	851.2	607.1	721.4	387.7	4934.7	3567.8
Mizoram	870.0	980.6	1036.1	1030.3	944.2	944.1	797.0	718.5	740.4	740.4	4387.7	4413.8
Nagaland	155.4	69.5	235.0	188.1	237.0	44.0	231.0	113.8	248.7	239.1	1107.0	654.4
Orissa	4208.0	3842.9	2641.8	2064.1	1677.2	1464.9	1484.6	1296.9	682.0	860.5	10693.6	9529.2
Punjab	1159.5	1903.2	1101.9	1055.9	903.1	889.4	985.3	975.5	977.1	774.6	5126.8	5598.6
Rajasthan	9583.0	9390.4	11727.4	10804.0	16289.3	15211.2	18842.7	17850.4	15653.9	14678.1	72096.3	67934.1
Sikkim	383.9	436.6	646.0	645.4	975.0	974.5	463.0	462.5	656.0	656.1	3123.9	3175.1
Tamil Nadu	4640.7	5111.1	4768.0	5229.0	5081.0	5341.0	4920.0	4966.0	5384.0	4110.0	24793.7	24757.1
Tripura	1158.0	978.2	90.6	75.4	65.6	68.2	25.6	30.9	50.0	62.9	1389.8	1215.6
Uttar Pradesh	6790.2	9174.8	6060.6	6028.8	6259.6	6199.5	7438.7	7416.1	8762.7	8760.7	35311.7	37580.1
West Bengal	2880.0	3618.2	2128.3	2670.2	4437.2	3160.7	4306.0	3575.6	4953.4	4933.0	18704.9	17957.8
A&N Islands	116.3	113.0	115.7	127.6	127.5	134.7	135.8	143.7	143.0	138.5	638.2	657.5
Chandigarh	30.0	39.0	50.0	50.0	45.5	45.5	22.0	22.0	17.0	17.0	164.5	173.5
D&N.H.	97.2	138.0	184.2	184.2	191.2	191.2	128.3	128.3	131.1	130.6	732.0	772.2
D&Diu	13.0	15.0	13.3	13.3	17.0	17.0	17.0	15.6	18.3	18.3	78.5	79.2
Delhi	281.0	193.3	184.1	161.3	187.0	186.7	215.6	216.1	264.3	263.5	1131.9	1020.9
Lakshdweep	16.0	16.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	16.0	16.0
Pondicherry	91.3	106.8	72.0	72.0	99.0	99.0	104.5	95.5	111.3	120.0	478.1	493.3
Total	79288.0	79811.6	68362.4	64972.5	75175.7	70219.4	79188.6	75261.4	83562.3	78374.9	385577.0	368639.8